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AA—40—2019

FACULTY OF COMPUTER STUDIES

B.Sc. (C.S.) (Third Year) (Fifth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2019

(Revised Course)

COMPUTER SCIENCE

(Cloud Computing)

(Friday, 18-10-2019)

Time : 10.00 a.m. to 1.00 p.m.

Time—Three Hours

Maximum Marks—80

N.B. :— (i) Figures to the right indicate full marks.

(ii) Assume suitable data, if necessary.

1. Attempt any *four* of the following : 20
 - (a) What is cloud ?
 - (b) Explain advantages of cloud computing.
 - (c) How does client server architecture work ?
 - (d) Explain google app engine.
 - (e) What is relational database ?
 - (f) What is AJAX ?

2.
 - (a) Explain infrastructure of service. 8
 - (b) Explain SOAP Web Service. 7

Or

 - (c) Discuss web application servers. 8
 - (d) Explain concept of Big Table. 7

3.
 - (a) Write a note on Simple DB. 8
 - (b) Explain use of force.com platform. 7

P.T.O.

Or

- (c) Explain applications of Dev 2.0. 8
- (d) What is Dynamo ? What is use of it ? 7
4. (a) Discuss concept of Internet of services. 8
- (b) How to measure successful SaaS Architecture ?
- Or
- (c) Explain relational operations using MapReduce. 8
- (d) Explain concept of datastore. 7
5. Write short notes on the following (any *three*) : 15
- (a) TCS instant apps
- (b) HDFS
- (c) Limitations of Dev 2.0
- (d) Cloud for enterprises
- (e) REST.